

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** \_\_\_\_\_

### **IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**

L Number	Hits	Search Text	DB	Time stamp
1	5	configur\$9 same (preconfigured adj software)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/13 14:13
2	98	717/167	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/13 14:13
3	349	717/178	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/13 14:13

*MN*

	307	("6246679") or ("6473808") or ("5784373") or ("6223274") or ("6223274") or ("5467353") or ("6262973") or ("4300230") or ("5423044") or ("5608732") or ("5668946") or ("5712974") or ("6026448") or ("5257266") or ("5307347") or ("5848251") or ("5903763") or ("4792969") or ("4887045") or ("5247673") or ("5418915") or ("5471623") or ("5504740") or ("6219763") or ("6219763") or ("6272579") or ("6473866") or ("5425031") or ("5621670") or ("5822422") or ("5761507") or ("5748962") or ("5944779") or ("6272190") or ("6287765") or ("5729756") or ("4437169") or ("4866703") or ("4967342") or ("5255372") or ("5598578") or ("5619650") or ("5640603") or ("5666514") or ("5689535") or ("5243342") or ("6286089") or ("4523273") or ("5590359") or ("5535410") or ("6611908") or ("4328581") or ("4361851") or ("4445176") or ("4460807") or ("4550402") or ("5054020") or ("5203015") or ("5416781") or ("5530845") or ("5613061") or ("5668591") or ("5751712") or ("5793414") or ("5797099") or ("5812756") or ("5828652") or ("5884184") or ("5900566") or ("6507573") or ("4759010") or ("5313456") or ("5586113") or ("5844934") or ("5872644") or ("6018644") or ("5347514") or ("5530758") or ("5832240") or ("4995040") or ("5974496") or ("6125110") or ("6205125") or ("6434141") or ("6253193") or ("6363488") or ("6389402") or ("6427140") or ("5276845") or ("4970449") or ("5729713") or ("4866535") or ("5063597") or ("5379298") or ("5400034") or ("5493660") or ("5506933") or ("5610913") or ("5710623") or ("5715247") or ("5787494") or ("5883327") or ("5952996") or ("5960182") or ("6005237") or ("6069707") or ("6333932") or ("6374127") or ("6466553") or ("5511005") or ("5758168") or ("5790846") or ("5963737") or ("6035019") or ("6098094") or ("6110228") or ("6260067") or ("6393476") or ("6418461") or ("6425005") or ("6560646") or ("4553493") or ("5757925") or ("6112263") or ("6119185") or ("5968160") or ("5608873") or ("5784630") or ("5937201") or ("6065037") or ("6148361") or ("4335426") or ("4536838") or ("4623964") or ("5179669") or ("5287456") or ("5390328") or ("5485579") or ("5495614") or ("5761199") or ("5944797") or ("6002883") or ("3662401") or ("4315310") or ("4320451") or ("4328586") or ("4438298") or ("4445177") or ("4449182") or ("4455602") or ("4464716") or ("4480308") or ("4480306") or ("4488288") or ("4491838") or ("4493024") or ("4493023") or ("4494230") or ("4525789") or ("4543627") or ("4549274") or ("4633406") or ("4780873") or ("4870566") or ("4937737") or ("4970721") or ("4975838") or ("5239573") or ("5239627") or ("5247447") or ("5282272") or ("5473772") or ("5485626") or ("5514857") or ("5539729") or ("5541853") or ("5561809") or ("5564051") or ("5574929") or ("5574950") or ("5680580") or ("5796937") or ("5906658") or ("6006309") or ("6032203") or ("6332180") or ("6449652") or ("5583990") or ("5737628") or ("5797035") or ("5956344") or ("6181707") or ("4331834") or ("4340775") or ("4340776") or ("4368514") or ("4577272") or ("4991169") or ("5495582") or ("6014690") or ("6085276") or ("6094686") or ("6101420") or ("6108752") or ("6122714") or ("6154816") or ("6249520") or ("4074352") or ("4247892") or ("4256926") or ("4597074") or ("4868472") or ("4918589") or ("5255264") or ("5357632") or ("5412803") or ("5446732") or ("5579219") or ("5581767") or ("5611049") or ("5701413") or ("5754836") or ("5892914") or ("6026452") or ("6115776") or ("6178522") or ("6317592") or ("3593300") or ("3659271") or ("3918000") or ("3911415") or ("4133030") or ("4162520") or ("4106092") or ("4130864") or ("4261033") or ("4272819") or ("4287590") or ("4322843") or ("4325119") or ("4330689") or ("4336588") or ("4347627") or ("4348725") or ("4418382") or ("4477799") or ("4494111") or ("4495570") or ("4520477") or ("4527266") or ("4529478") or ("4531240") or ("4543652") or ("4562533") or ("4564900") or ("4575793") or ("4583195") or ("4603400") or ("4604682") or ("4628446") or ("4768190") or ("4777633") or ("4791639") or ("4792849") or ("4805172") or ("4817037") or ("4821170") or ("4821263") or	USPAT; US-PGPUB; EPO; JPO	2004/01/22 10:21
--	-----	---	---------------------------------	------------------

	0	((("6246679") or ("6473808") or ("5784373") or ("6223274") or ("6223274") or ("5467353") or ("6262973") or ("4300230") or ("5423044") or ("5608732") or ("5668946") or ("5712974") or ("6026448") or ("5257266") or ("5307347") or ("5848251") or ("5903763") or ("4792969") or ("4887045") or ("5247673") or ("5418915") or ("5471623") or ("5504740") or ("6219763") or ("6219763") or ("6272579") or ("6473866") or ("5425031") or ("5621670") or ("5822422") or ("5761507") or ("5748962") or ("5944779") or ("6272190") or ("6287765") or ("5729756") or ("4437169") or ("4866703") or ("4967342") or ("5255372") or ("5598578") or ("5619650") or ("5640603") or ("5666514") or ("5689535") or ("5243342") or ("6286089") or ("4523273") or ("5590359") or ("5535410") or ("6611908") or ("4328581") or ("4361851") or ("4445176") or ("4460807") or ("4550402") or ("5054020") or ("5203015") or ("5416781") or ("5530845") or ("5613061") or ("5668591") or ("5751712") or ("5793414") or ("5797099") or ("5812756") or ("5828652") or ("5884184") or ("5900566") or ("6507573") or ("4759010") or ("5313456") or ("5586113") or ("5844934") or ("5872644") or ("6018644") or ("5347514") or ("5530758") or ("5832240") or ("4995040") or ("5974496") or ("6125110") or ("6205125") or ("6434141") or ("6253193") or ("6363488") or ("6389402") or ("6427140") or ("5276845") or ("4970449") or ("5729713") or ("4866535") or ("5063597") or ("5379298") or ("5400034") or ("5493660") or ("5506933") or ("5610913") or ("5710623") or ("5715247") or ("5787494") or ("5883327") or ("5952996") or ("5960182") or ("6005237") or ("6069707") or ("6333932") or ("6374127") or ("6466553") or ("5511005") or ("5758168") or ("5790846") or ("5963737") or ("6035019") or ("6098094") or ("6110228") or ("6260067") or ("6393476") or ("6418461") or ("6425005") or ("6560646") or ("4553493") or ("5757925") or ("6112263") or ("6119185") or ("5968160") or ("5608873") or ("5784630") or ("5937201") or ("6065037") or ("6148361") or ("4335426") or ("4536838") or ("4623964") or ("5179669") or ("5287456") or ("5390328") or ("5485579") or ("5495614") or ("5761199") or ("5944797") or ("6002883") or ("3662401") or ("4315310") or ("4320451") or ("4328586") or ("4438298") or ("4445177") or ("4449182") or ("4455602") or ("4464716") or ("4480308") or ("4480306") or ("4488288") or ("4491838") or ("4493024") or ("4493023") or ("4494230") or ("4525789") or ("4543627") or ("4549274") or ("4633406") or ("4780873") or ("4870566") or ("4937737") or ("4970721") or ("4975838") or ("5239573") or ("5239627") or ("5247447") or ("5282272") or ("5473772") or ("5485626") or ("5514857") or ("5539729") or ("5541853") or ("5561809") or ("5564051") or ("5574929") or ("5574950") or ("5680580") or ("5796937") or ("5906658") or ("6006309") or ("6032203") or ("6332180") or ("6449652") or ("5583990") or ("5737628") or ("5797035") or ("5956344") or ("6181707") or ("4331834") or ("4340775") or ("4340776") or ("4368514") or ("4577272") or ("4991169") or ("5495582") or ("6014690") or ("6085276") or ("6094686") or ("6101420") or ("6108752") or ("6122714") or ("6154816") or ("6249520") or ("4074352") or ("4247892") or ("4256926") or ("4597074") or ("4868472") or ("4918589") or ("5255264") or ("5357632") or ("5412803") or ("5446732") or ("5579219") or ("5581767") or ("5611049") or ("5701413") or ("5754836") or ("5892914") or ("6026452") or ("6115776") or ("6178522") or ("6317592") or ("3593300") or ("3659271") or ("3918000") or ("3911415") or ("4133030") or ("4162520") or ("4106092") or ("4130864") or ("4261033") or ("4272819") or ("4287590") or ("4322843") or ("4325119") or ("4330689") or ("4336588") or ("4347627") or ("4348725") or ("4418382") or ("4477799") or ("4494111") or ("4495570") or ("4520477") or ("4527266") or ("4529478") or ("4531240") or ("4543652") or ("4562533") or ("4564900") or ("4575793") or ("4583195") or ("4603400") or ("4604682") or ("4628446") or ("4768190") or ("4777633") or ("4791639") or ("4792849") or ("4805172") or ("4817037") or ("4821170") or ("4821263") or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/22 10:23
Search History	8/13/04 2:43:51 PM Page 3			
C:\APPS\east\workspaces\09674136.wsp				

	4	(((("6246679") or ("6473808") or ("5784373") or ("6223274") or ("6223274") or ("5467353") or ("6262973") or ("4300230") or ("5423044") or ("5608732") or ("5668946") or ("5712974") or ("6026448") or ("5257266") or ("5307347") or ("5848251") or ("5903763") or ("4792969") or ("4887045") or ("5247673") or ("5418915") or ("5471623") or ("5504740") or ("6219763") or ("6219763") or ("6272579") or ("6473866") or ("5425031") or ("5621670") or ("5822422") or ("5761507") or ("5748962") or ("5944779") or ("6272190") or ("6287765") or ("5729756") or ("4437169") or ("4866703") or ("4967342") or ("5255372") or ("5598578") or ("5619650") or ("5640603") or ("5666514") or ("5689535") or ("5243342") or ("6286089") or ("4523273") or ("5590359") or ("5535410") or ("6611908") or ("4328581") or ("4361851") or ("4445176") or ("4460807") or ("4550402") or ("5054020") or ("5203015") or ("5416781") or ("5530845") or ("5613061") or ("5668591") or ("5751712") or ("5793414") or ("5797099") or ("5812756") or ("5828652") or ("5884184") or ("5900566") or ("6507573") or ("4759010") or ("5313456") or ("5586113") or ("5844934") or ("5872644") or ("6018644") or ("5347514") or ("5530758") or ("5832240") or ("4995040") or ("5974496") or ("6125110") or ("6205125") or ("6434141") or ("6253193") or ("6363488") or ("6389402") or ("6427140") or ("5276845") or ("4970449") or ("5729713") or ("4866535") or ("5063597") or ("5379298") or ("5400034") or ("5493660") or ("5506933") or ("5610913") or ("5710623") or ("5715247") or ("5787494") or ("5883327") or ("5952996") or ("5960182") or ("6005237") or ("6069707") or ("6333932") or ("6374127") or ("6466553") or ("5511005") or ("5758168") or ("5790846") or ("5963737") or ("6035019") or ("6098094") or ("6110228") or ("6260067") or ("6393476") or ("6418461") or ("6425005") or ("6560646") or ("4553493") or ("5757925") or ("6112263") or ("6119185") or ("5968160") or ("5608873") or ("5784630") or ("5937201") or ("6065037") or ("6148361") or ("4335426") or ("4536838") or ("4623964") or ("5179669") or ("5287456") or ("5390328") or ("5485579") or ("5495614") or ("5761199") or ("5944797") or ("6002883") or ("3662401") or ("4315310") or ("4320451") or ("4328586") or ("4438298") or ("4445177") or ("4449182") or ("4455602") or ("4464716") or ("4480308") or ("4480306") or ("4488288") or ("4491838") or ("4493024") or ("4493023") or ("4494230") or ("4525789") or ("4543627") or ("4549274") or ("4633406") or ("4780873") or ("4870566") or ("4937737") or ("4970721") or ("4975838") or ("5239573") or ("5239627") or ("5247447") or ("5282272") or ("5473772") or ("5485626") or ("5514857") or ("5539729") or ("5541853") or ("5561809") or ("5564051") or ("5574929") or ("5574950") or ("5680580") or ("5796937") or ("5906658") or ("6006309") or ("6032203") or ("6332180") or ("6449652") or ("5583990") or ("5737628") or ("5797035") or ("5956344") or ("6181707") or ("4331834") or ("4340775") or ("4340776") or ("4368514") or ("4577272") or ("4991169") or ("5495582") or ("6014690") or ("6085276") or ("6094686") or ("6101420") or ("6108752") or ("6122714") or ("6154816") or ("6249520") or ("4074352") or ("4247892") or ("4256926") or ("4597074") or ("4868472") or ("4918589") or ("5255264") or ("5357632") or ("5412803") or ("5446732") or ("5579219") or ("5581767") or ("5611049") or ("5701413") or ("5754836") or ("5892914") or ("6026452") or ("6115776") or ("6178522") or ("6317592") or ("3593300") or ("3659271") or ("3918000") or ("3911415") or ("4133030") or ("4162520") or ("4106092") or ("4130864") or ("4261033") or ("4272819") or ("4287590") or ("4322843") or ("4325119") or ("4330689") or ("4336588") or ("4347627") or ("4348725") or ("4418382") or ("4477799") or ("4494111") or ("4495570") or ("4520477") or ("4527266") or ("4529478") or ("4531240") or ("4543652") or ("4562533") or ("4564900") or ("4575793") or ("4583195") or ("4603400") or ("4604682") or ("4628446") or ("4768190") or ("4777633") or ("4791639") or ("4792849") or ("4805172") or ("4817037") or ("4821170") or ("4821263") or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/22 10:25
Search History	8/13/04 2:13:31 PM Page 4			
C:\APPS\east\workspaces\09674136.wsp				

-	9	(((("6246679") or ("6473808") or ("5784373") or ("6223274") or ("6223274") or ("5467353") or ("6262973") or ("4300230") or ("5423044") or ("5608732") or ("5668946") or ("5712974") or ("6026448") or ("5257266") or ("5307347") or ("5848251") or ("5903763") or ("4792969") or ("4887045") or ("5247673") or ("5418915") or ("5471623") or ("5504740") or ("6219763") or ("6219763") or ("6272579") or ("6473866") or ("5425031") or ("5621670") or ("5822422") or ("5761507") or ("5748962") or ("5944779") or ("6272190") or ("6287765") or ("5729756") or ("4437169") or ("4866703") or ("4967342") or ("5255372") or ("5598578") or ("5619650") or ("5640603") or ("5666514") or ("5689535") or ("5243342") or ("6286089") or ("4523273") or ("5590359") or ("5535410") or ("6611908") or ("4328581") or ("4361851") or ("4445176") or ("4460807") or ("4550402") or ("5054020") or ("5203015") or ("5416781") or ("5530845") or ("5613061") or ("5668591") or ("5751712") or ("5793414") or ("5797099") or ("5812756") or ("5828652") or ("5884184") or ("5900566") or ("6507573") or ("4759010") or ("5313456") or ("5586113") or ("5844934") or ("5872644") or ("6018644") or ("5347514") or ("5530758") or ("5832240") or ("4995040") or ("5974496") or ("6125110") or ("6205125") or ("6434141") or ("6253193") or ("6363488") or ("6389402") or ("6427140") or ("5276845") or ("4970449") or ("5729713") or ("4866535") or ("5063597") or ("5379298") or ("5400034") or ("5493660") or ("5506933") or ("5610913") or ("5710623") or ("5715247") or ("5787494") or ("5883327") or ("5952996") or ("5960182") or ("6005237") or ("6069707") or ("6333932") or ("6374127") or ("6466553") or ("5511005") or ("5758168") or ("5790846") or ("5963737") or ("6035019") or ("6098094") or ("6110228") or ("6260067") or ("6393476") or ("6418461") or ("6425005") or ("6560646") or ("4553493") or ("5757925") or ("6112263") or ("6119185") or ("5968160") or ("5608873") or ("5784630") or ("5937201") or ("6065037") or ("6148361") or ("4335426") or ("4536838") or ("4623964") or ("5179669") or ("5287456") or ("5390328") or ("5485579") or ("5495614") or ("5761199") or ("5944797") or ("6002883") or ("3662401") or ("4315310") or ("4320451") or ("4328586") or ("4438298") or ("4445177") or ("4449182") or ("4455602") or ("4464716") or ("4480308") or ("4480306") or ("4488288") or ("4491838") or ("4493024") or ("4493023") or ("4494230") or ("4525789") or ("4543627") or ("4549274") or ("4633406") or ("4780873") or ("4870566") or ("4937737") or ("4970721") or ("4975838") or ("5239573") or ("5239627") or ("5247447") or ("5282272") or ("5473772") or ("5485626") or ("5514857") or ("5539729") or ("5541853") or ("5561809") or ("5564051") or ("5574929") or ("5574950") or ("5680580") or ("5796937") or ("5906658") or ("6006309") or ("6032203") or ("6332180") or ("6449652") or ("5583990") or ("5737628") or ("5797035") or ("5956344") or ("6181707") or ("4331834") or ("4340775") or ("4340776") or ("4368514") or ("4577272") or ("4991169") or ("5495582") or ("6014690") or ("6085276") or ("6094686") or ("6101420") or ("6108752") or ("6122714") or ("6154816") or ("6249520") or ("4074352") or ("4247892") or ("4256926") or ("4597074") or ("4868472") or ("4918589") or ("5255264") or ("5357632") or ("5412803") or ("5446732") or ("5579219") or ("5581767") or ("5611049") or ("5701413") or ("5754836") or ("5892914") or ("6026452") or ("6115776") or ("6178522") or ("6317592") or ("3593300") or ("3659271") or ("3918000") or ("3911415") or ("4133030") or ("4162520") or ("4106092") or ("4130864") or ("4261033") or ("4272819") or ("4287590") or ("4322843") or ("4325119") or ("4330689") or ("4336588") or ("4347627") or ("4348725") or ("4418382") or ("4477799") or ("4494111") or ("4495570") or ("4520477") or ("4527266") or ("4529478") or ("4531240") or ("4543652") or ("4562533") or ("4564900") or ("4575793") or ("4583195") or ("4603400") or ("4604682") or ("4628446") or ("4768190") or ("4777633") or ("4791639") or ("4792849") or ("4805172") or ("4817037") or ("4821170") or ("4821263") or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/22 10:56
Search History	8/13/04 2:13:31 PM Page 5			
C:\APPS\east\workspaces\09674136.wsp				

-	240	hansen.inv. with peter	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/22 10:57
-	11	(hansen.inv. with peter) and channel and component and type and control\$7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/22 10:58
-	11	hansen.inv. with peter with a	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/22 17:14
-	0	(hansen.inv. with peter with a) and channel and component and type and control\$7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/22 10:58
-	0	(hansen.inv. with peter with a) and channel and type and control\$7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/22 11:50
-	6	(hansen.inv. with peter with a) and type and control\$7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/22 11:50
-	42	5838907.URPN.	USPAT	2004/01/22 11:15
-	0	ep793171	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/22 11:50
-	40	5838907.URPN. and type and control\$7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/22 12:13
-	8	5838907.URPN. and channel and type and control\$7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/22 17:14
-	22	(5838907.URPN. and type and control\$7) and platform and process\$8	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/22 13:08
-	1	ogawara.inv. with kengo	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/22 13:08
-	2405	709/200	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/22 17:14

-	2474	709/220	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/22 17:14
-	772	709/220 and channel and type and control\$7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/22 17:14
-	128	709/220 and (channel same type same control\$7)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/22 17:15
-	21	709/220 and (channel same component same type same control\$7)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/13 09:03
-	4	((("6295556") or ("5838907")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/13 09:03
-	2	((("6295556") or ("5838907")).PN.) and (obtain\$9 or retriev\$9) and control\$9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/13 09:32
-	0	("EP793171").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/13 09:35
-	1316	bull.inv.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/13 09:38
-	177	bull.inv. and configur\$8	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/13 09:41
-	32	(bull.inv. and configur\$8) and network	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/13 10:09
-	5	configur\$9 same (preconfigured adj software)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/13 14:12
-	8	5950011.URPN.	USPAT	2004/08/13 10:12
-	5	("4403303"   "4951192"   "5414812"   "5742829"   "5784612").PN.	USPAT	2004/08/13 10:13